

FM20

FM20 Series Student Digital/LCD Microscopes
Biológicos



Imagen referencial de la serie (fabricante).

Para Chile	100-240V (FM20MD); 5V/1A (FM20APS); 12V/2A DC (FM20VM) (cubre 220 V; frecuencia 50 Hz: confirmar)
FM20MD Viewing head	Monocular 45° inclined or Binocular 30° inclined
FM20MD Nosepiece	Outward quadruple revolving
FM20MD Objectives	4x/0.10, 10x/0.25, 40x/0.65 (spring loaded), 100x/1.25 (spring loaded, oil)
FM20MD Stage	Double layer mechanical 105×105mm with 50×20mm XY translation
FM20MD Condenser	Height adjustable Abbe N.A. 1.25 with iris diaphragm

Especificaciones

FM20MD Viewing head	Monocular 45° inclined or Binocular 30° inclined
FM20MD Nosepiece	Outward quadruple revolving
FM20MD Objectives	4x/0.10, 10x/0.25, 40x/0.65 (spring loaded), 100x/1.25 (spring loaded, oil)
FM20MD Stage	Double layer mechanical 105×105mm with 50×20mm XY translation
FM20MD Condenser	Height adjustable Abbe N.A. 1.25 with iris diaphragm
FM20MD Illumination	Up and down 1W LED, adjustable brightness
FM20MD Power	Rechargeable AA batteries + 100-240V supply
FM20APS Viewing head	Monocular 45° or Binocular 30° inclined
FM20APS Nosepiece	Outward triple or quadruple revolving
FM20APS Screen	7-inch IPS full view screen: 1/2.8" sensor, 2.16MP CMOS, 1920×1080px max, 60fps@1920×1080
FM20APS Objectives	4x/0.10, 10x/0.25, 40x/0.65, 100x/1.25 (100x optional)
FM20APS Power	5V/1A adapter
FM20IPS Display	7-inch IPS, 1024×600, 300cd/m ²
FM20IPS Sensor	1/2.8", 2.16MP color CMOS
FM20IPS Image format	*.jpg; Video: *.mp4
FM20IPS Languages	English/Chinese
FM20VM LCD tablet	7-inch, 1024×600, 300cd/m ²
FM20VM Camera	Sony 1/2.8" sensor, 5MP CMOS, 2592×1944 pixels

FM20VM Interfaces	2×USB2.0, 1×TYPE-C
FM20VM Power	12V/2A DC
FM20VM CPU	ARM Cortex A7 MP2 @900MHz
FM20VM RAM	2GB DDR3
Común	Coaxial coarse/fine adjustments: 200 graduations, 15µm per graduation
Común	Mechanical stage: 105×105mm

Variantes eléctricas

Chile: 100-240V (FM20MD); 5V/1A (FM20APS); 12V/2A DC (FM20VM) (cubre 220 V; frecuencia 50 Hz: confirmar)

Ficha preparada por Cromtek con información del fabricante (web nbicoe.com página de la familia, leída 2026-10-07 (WebFetch), 2026-10-07). Datos sujetos a confirmación; un ejecutivo de Cromtek le enviará precio y plazo de entrega.

Cromtek · www.cromtek.cl · contacto@cromtek.cl · (+56 2) 3378 0171 · +56 9 4413 5160